

ICOM

VHF/UHF DUAL BAND TRANSCEIVER

IC-2730A

Practical Dual Bander with Optional Bluetooth® Headset



VHF/VHF, UHF/UHF Simultaneous Receive

The IC-2730A provides VHF/VHF, UHF/UHF simultaneous receive capability as well as VHF/UHF receive. Main dials, volume, squelch knobs and primal buttons are symmetrically laid out for each band.

Optional VS-3 Bluetooth® Headset

The optional VS-3 Bluetooth® headset can wirelessly control the IC-2730A with three programmable keys and a PTT button. It also provides VOX operation for hands-free communication.

* Optional UT-133/A Bluetooth® unit must be installed in the IC-2730A.



▲ Optional VS-3 Bluetooth® headset

Easy-to-See Large White Backlit LCD

The display size of the IC-2730A is 1.5 times larger than its predecessor, the IC-2720H. Frequency display and channel names are larger, and the white backlit provides higher contrast.

Easy Controller Mounting with the Optional MBF-1

The combination of the optional MBF-1 suction cup mounting base and MBA-5 controller bracket provides easy tilt and swivel adjustments. The large suction cup can be mounted on flat surfaces and can be removed easily.



▲ Photo includes optional MBF-1 and MBA-5

50 watts of output on VHF and UHF

The IC-2730A employs a durable PA module and delivers 50 watts of high power operation on both VHF and UHF bands.

Built-in 50 CTCSS and 104 DTCS tones with Split Tone Function

The CTCSS and DTCS tones are built-in for quiet stand-by and repeater access. The split tone function allows you to set CTCSS/DTCS tones separately for repeater uplink and downlink on a per channel basis.

SPECIFICATIONS

GENERAL		
Frequency coverage		
Version	Transmit	Receive
USA	144–148, 430–450 MHz	118–174, 375–550 MHz*
Export	137–174, 400–470 MHz*	118–174, 375–550 MHz*
Guaranteed range	* 144–148, 430–450 MHz, *2 144–148, 430–440 MHz	
No. of memory channels	1052 channels (including 50 scan edges and 2 Call)	
Type of emission	F2D, F3E (FM, FM-N)	
Frequency stability	±2.5 ppm	
Power supply requirement	13.8 V DC ±15%	
Current drain Tx (approximate)	13 A	
Rx	1.8 A/1.2 A (Max. audio/Stand-by)	
Antenna impedance	50 Ω (SO-239)	
Operating temperature range	-10°C to +60°C; 14°F to +140°F	
Dimensions (W×H×D)	Main unit 150×40×151 mm; 5.91×1.57×5.94 in Controller 150×50×27.2 mm; 5.91×1.97×1.07 in (Projections are not included.)	
Weight (approx.)	Main unit, Controller 1.2 kg; 2.65 lb 140 g; 4.94 oz	

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

HAND MICROPHONES 	NOISE CANCELING MICROPHONE 	EXTERNAL SPEAKERS 	Bluetooth® UNIT & Bluetooth® HEADSET 	MOUNTING BRACKET 	MOUNTING BASE & CONTROLLER BRACKET
COMBINATION BRACKET 	CONTROLLER EXTENSION CABLE 	MICROPHONE ADAPTER CABLE 	MICROPHONE EXTENSION CABLES 	PROGRAMMING CABLE 	
MBA-4 For attaching the controller to the main unit.	OPC-1156 3.5 m (11.4 ft) cable. A modular connector is supplied.	OPC-589 For use with an 8-pin microphone	OPC-440: 5 m (16.4 ft) OPC-647: 2.5 m (8.2 ft)	OPC-478UC: USB type cable for use with the CS-2730.	
					• CS-2730 PROGRAMMING SOFTWARE Free downloadable PC programming software. Download from http://www.icom.co.jp/world/support/index.html
					• OPC-474 CLONING CABLE For transceiver to transceiver cloning cable.

GENUINE

The "3D GENUINE Icom label" is attached to the bottom of the main unit.
Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

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NEVER operate the transceiver while driving a vehicle. Safe driving requires your full attention—anything less may result in an accident.

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Your local distributor/dealer:

And More...

- HM-207 remote control microphone
- CS-2730 Free download PC programming software
- Versatile scanning capability
- Squelch delay and squelch attenuator
- Sub band auto mute function
- Sub band busy beep function
- Auto repeater functions* (* Depending on the transceiver version)
- Auto power off
- Time-out-timer
- 16 DTMF auto dial memories
- Weather channel receive with weather alert* (* USA version only)
- CI-V remote control capability (through the OPC-478UC)

Wideband Receiver

The IC-2730A covers 118–174 and 375–550 MHz. You will be able to listen to aviation, marine, weather channels and other utility communications.

TRANSMITTER

Output power (at 13.8 V DC)	50 W, 15 W, 5 W
TPE version	25 W, 15 W, 5 W
Max. frequency deviation	±5.0 kHz/±2.5 kHz (W/N)
Spurious emissions	Less than -60 dBc
Microphone impedance	600 Ω (8-pin modular)

RECEIVER

Intermediate frequencies	A band B band	38.85 MHz/450 kHz 46.35 MHz/450 kHz
Sensitivity (at 12 dB SINAD)		Less than 0.18 μV
Selectivity		More than 60 dB/55 dB (W/N)
Spurious response rejection	A band B band	More than 60 dB/55 dB (V/U) More than 60 dB/60 dB (V/U)
Audit output power		More than 2 W (10% dist. 8
External speaker connector		2 conductor 3.5 (d) mm (1/8")/8 Ω

Receiver sensitivity (Less than)

(Not guaranteed, for your reference only)
FM/FM-N (12 dB SINAD)
137–159.995 MHz* 0.32 μV
375–399.995 MHz 0.56 μV
500–550.000 MHz 0.56 μV
AM/AM-N (10 dB S/N)
118–136.991 MHz 1 μV

* Except amateur bands.

All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications

Standard	MIL 810G	
	Method	Procedure
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D -E and -F.